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63-2 Color

MRID	Citation Reference

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MRID	Citation Reference
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63-4 Odor

MRID	Citation Reference
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63-7 Density

MRID	Citation Reference
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MRID	Citation Reference
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MRID	Citation Reference
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22831	Bellin, R.H.; Edmonds, J. (1977) (Study of Bladex and Atrazine Herbicide). Summary of studies 232739-F through 232739-I. (Unpublished study received Jan 25, 1978 under 201-281; submitted by Shell Chemical Co., Washington, D.C.; CDL:232739-D)
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MRID	Citation Reference
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63-20 Corrosion characteristics

MRID	Citation Reference
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71-1 Avian Single Dose Oral Toxicity

MRID	Citation Reference
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71-2 Avian Dietary Toxicity

MRID	Citation Reference
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51243	Lee, J. (1967) Letter sent to Rene Blondeau dated Nov 1, 1967: Short-term Japanese quail study (SD 15418): Report No. 45. (Un- published study received Mar 8, 1976 under 201-379; prepared by Stanford Research Institute, submitted by Shell Chemical Co., Washington, D.C.; CDL:223590-AB)
144803	Beavers, J. (1985) SD 15418: A Dietary LC50 Study with the Mallard: Final Report: Project No: 109/139. Unpublished study prepared by Wildlife International Ltd. 21 p.
144804	Beavers, J. (1985) SD 15418: A Dietary LC50 Study with the Bob- white: Final Report: Project No: 109/138A. Unpublished study prepared by Wildlife International Ltd. 21 p.

71-4 Avian Reproduction

MRID	Citation Reference
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43214902	Beavers, J.; Haberlein, D.; Mitchell, L. et al. (1994) H-19,800 (Cyanazine): A One-Generation Reproduction Study with the Mallard (Anas platyrhynchos): Lab Project Number: 112/328: 212/94: CHR18. Unpublished study prepared by Wildlife International Ltd. 242 p.
43214903	Beavers, J.; Trumbull, S.; Grimes, J. et al. (1994) H-19,800 (Cyanazine): A Pilot Reproduction Study with the Mallard (Anas platyrhynchos): Preliminary Study: Lab Project Number: 112/326: 592/93: CHR14. Unpublished study prepared by Wildlife International Ltd. 63 p.
43214904	Beavers, J.; Trumbull, S.; Grimes, J. et al. (1994) H-19,800 (Cyanazine): A Pilot Reproduction Study with the Northern Bobwhite (Colinus virginianus): Preliminary Study: Lab Project Number: 112/325: 593/93: CHR14. Unpublished study prepared by Wildlife International Ltd. 64 p.
43614801	Beavers, J.; Foster, J.; Mitchell, L.; et al. (1995) H-19,800 (Cyanazine): A Reproduction Study with the Mallard (Anas platyrhynchos): Lab Project Number: HLO 232-95: 112-377: 232-95. Unpublished study

72-1 Acute Toxicity to Freshwater Fish

MRID	Citation Reference
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93207	Parisot, T.J. (1968) Letter sent to Stan Ichikawa dated Sep 26, 1968 ?Toxicity of various Shell compounds to various subjects . (U.S. Fish and Wildlife Service, Fish-Pesticide Research Labo- ratory; unpublished study; CDL:091460-O)
93208	Parisot, T.J. (1968) Letter sent to Stan Ichikawa dated Dec 26, 1968 ?Toxicity of SD15418 to rainbow trout . (U.S. Fish and Wildlife Service, Fish-Pesticide Research Laboratory; unpub- lished study; CDL:091460-P)
101681	Parisot, T.J. (1968) Letter sent to Stan Ichikawa dated Sep 26, 1968 ?Toxicity data of various Shell compounds . (U.S. Fish and Wildlife Service, Fish-Pesticide Research Laboratory; un- published study; CDL:221995-AF)
102507	Shell Chemical Company (1967) To Determine Fish Toxicity of SD 15418. (Unpublished study received Oct 17, 1969 under 9G0844; CDL:091460-Q)
45088214	Dad, N.; Tripathi, P. (1981) Acute Toxicity of Herbicides to Freshwater Fish and Midge Larvae, Chironomus tentans. pp.435- 437.
45088220	Rao, K.; Dad, N. (1979) Studies of Herbicide Toxicity in Some Freshwater Fishes and Ectoprocta. Journal of Fish Biology 14:517-522.

72-2 Acute Toxicity to Freshwater Invertebrates

MRID	Citation Reference
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157718	Forbis, A.; Burgess, D. (1985) Acute Toxicity of SD-15418 to Daphnia magna: Static Acute Toxicity Report #34004. Unpublished study prepared by Analytical Bio-Chemistry Labs., Inc. 44 p.
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45088220	Rao, K.; Dad, N. (1979) Studies of Herbicide Toxicity in Some Freshwater Fishes and Ectoprocta. Journal of Fish Biology 14:517-522.
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72-3 Acute Toxicity to Estuarine/Marine Organisms

MRID	Citation Reference
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72-4 Fish Early Life Stage/Aquatic Invertebrate Life Cycle Study

MRID	Citation Reference
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23864	Shell Chemical Company (1967) To Determine Fish Toxicity of SD 15418. (Unpublished study received Jul 1, 1971 under unknown admin. no.; CDL:221995-AH)
29791	Shaffer, C.B. (1974) ?Toxicology Studies of Prowl Herbicide . (Un- published study received Dec 21, 1974 under 5G1580; submitted by American Cyanamid Co., Princeton, N.J.; CDL:094331-A)
39977	Bathe, R.; Ullmann, L.; Sachsse, K. (1973) Determination of Pesti- cide Toxicity to Fish. A translation of: Toxizitaetsbestim- mung von Pflanzenschutzmitteln an Fischen. (Unpublished study including German text, received Jul 19, 1978 under 201-403; prepared by Ciba-Geigy, AG, submitted by Shell Chemical Co., Washington, D.C.; CDL:234470-AA)
41351	Hobson, E.L. (1971) ?Bladex Herbicide and Its Decomposition Prod- ucts . (Unpublished study received Mar 8, 1976 under 201-379; submitted by Shell Chemical Co., Washington, D.C.; CDL:223590-Q)
41354	Brown, V.K.H.; Hunter, C.G. (1970) Toxicity Studies on the s-Triazine Herbicide Bladex: Acute Toxicity to Freshwater Fish: Group Research Report TLGR.0073.70. (Unpublished study received Mar 8, 1976 under 201-379; prepared in cooperation with Shell Research, Ltd., England and United Kingdom, Ministry of Agriculture, Fisheries and Food, Salmon and Freshwater Fisheries Labo- ratory, submitted by Shell Chemical Co., Washington, D.C.; CDL: 223590-T)
51241	Parisot, T.J. (1968) Letter sent to Stan Ichikawa dated Sep 26, 1968 (Toxicity data with Shell compounds-- channel catfish, fathead minnow and others). (U.S. Fish and Wildlife Service, Fish- Pesticide Research Laboratory, unpublished study; CDL:223590-V)
51242	Parisot, T.J. (1968) Letter sent to Stan Ichikawa dated Dec 26, 1968 ?Toxicity data--SD15418 with 1 gram rainbow trout . (U.S. Fish and Wildlife Service, Fish-Pesticide Research Laboratory, unpublished study; CDL:223590-W)

81-1 Acute oral toxicity in rats

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81-2 Acute dermal toxicity in rabbits or rats

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81-4 Primary eye irritation in rabbits

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MRID	Citation Reference
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82-4 90-day inhal.-rat

MRID	Citation Reference
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MRID	Citation Reference
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83-4 2-generation repro.-rat

MRID	Citation Reference
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122-1 Seed Germination/Seedline Emergence and Vegetable Vigor

MRID	Citation Reference
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122-2 Aquatic plant growth

MRID	Citation Reference
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123-1 Seed germination/seedling emergence and vegetative vigor

MRID	Citation Reference
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123-2 Aquatic plant growth

MRID	Citation Reference
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133-3

Dermal passive dosimetry expo

MRID	Citation Reference
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133-4

Inhal. passive dosimetry expo

MRID	Citation Reference
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161-1

Hydrolysis

MRID	Citation Reference
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41352	Shell Chemical Company (19??) Determination of the Rates of Hydrol- ysis: ?Bladex . (Unpublished study received Mar 8, 1976 under 201-379; CDL:223590-R)
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160640	Woodward, M.; Holloway, E.; McEuen, S. (1986) The Hydrolytic Stab- ility of [Carbon 14]-SD 15418 in Buffered Aqueous Solution: Study No. RIR-22-004-86. Unpublished study prepared by Shell Agricultural Chemical Company. 28 p.

161-2

Photodegradation-water

MRID	Citation Reference
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MRID	Citation Reference
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162-1 **Aerobic soil metabolism**

MRID	Citation Reference
149452	Osgerby, J. (1968) The Decomposition and Adsorption of DW 3418 (WL 19,805) in Soils: Group Research Report No. WKGR.0065.68. Unpublished study prepared by Woodstock Agricultural Research Centre, Shell Research Limited. 21 p.
163798	Woodward, M.; McEuen, S.; Holloway, E. (1986) Degradation of SD 15418 in Soil under Aerobic Conditions: RIR-22-019-86. Unpublished study prepared by Shell Agricultural Chemical Co. 59 p.
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162-2 **Anaerobic soil metabolism**

MRID	Citation Reference
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163-1 **Leach/adsorp/desorption**

MRID	Citation Reference
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22802	Warnock, R.E.; Leary, J.B. (1978) Paraquat, Atrazine and Bladex- Dissipation in Soils. (Unpublished study received Jul 30, 1979 under 201-279; prepared by Chevron Chemical Co., submitted by Shell Chemical Co., Washington, D.C.; CDL:238889-G)
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- 27093 Shell Chemical Company (1976) Dissipation of Bladex^(R)IHerbicide and Sutan in Soil following Application of Bladex, Sutan Plus, or a Tank Mix of Bladex and Sutan Plus: TIR-24-134-74. (Unpub- lished study including FSDS No. A-10063, received Apr 22, 1976 under 201-279; CDL:224067-B)
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163-2 Volatility - lab

MRID	Citation Reference
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163797	McEuen, S.; Woodward, M. (1986) Mobility of SD 15418 and Degradation Products in Soil Measured by Soil Thin-layer Chromatography: RIR-22-007-86. Unpublished study prepared by Shell Agricultural Chemical Co. 18 p.

164-1 Terrestrial field dissipation

MRID	Citation Reference
15610	Ballantine, L.G.; Herman, M.M. (1978) Dual^(R)I plus Bladex^(R)I Tank Mix Soil Dissipation Studies: Report No. ABR-78071. Summa- ry of studies 235360-C, 235360-D and 235360-G through 235360-J. (Unpublished study received Oct 20, 1978 under 100-583; submit- ted by Ciba-Geigy Corp., Greensboro, N.C.; CDL:235360-A)
15644	Suzuki, H.K.; Takado, D.Y.; Whitacre, D.M. (1979) Laboratory Report: Dissipation of Banvel or Banvel in Combination with Other Herbicides: Two Soil Types: Report No. 197. (Unpublished study received Mar 5, 1979 under 876-25; prepared in cooperation with Craven Laboratories, Inc., submitted by Velsicol Chemical Corp., Chicago, Ill.; CDL:237957-I)
22822	Shell Chemical Company (1976) (Bladex(R)) and Propachlor Dissipation in Soil; Characteristics of Soil Used in Bladex Tank Mix : TIR-24-138-74. (Unpublished study including TIR-24-623-76; received Jun 2, 1977 under 201-279; CDL:230325-B)
23719	Monroe, C.M.; Zaharchuk, A.; Reed, J.L.; et al. (1972) Bladex^(R)I 4 Water Dispersible Liquid Herbicide. (Unpublished study re- ceived Aug 1, 1972 under 201-281; prepared in cooperation with AZ Field Test Service and others, submitted by Shell Chemical Co., Washington, D.C.; CDL:000996-A)
23733	Monroe, C.M.; Zaharchuk, A.; Russo, L.; et al. (1972) Bladex 10G Granules Herbicide. (Unpublished study received Jul 6, 1972 under 201-280; prepared in cooperation with AZ Field Test Ser- vice and others, submitted by Shell Chemical Co., Washington, D.C.; CDL:000988-A)
23743	Shell Chemical Company (1971) Introduction: ?Bladex . (Unpublished study received Mar 8, 1976 under 201-379; CDL:223591-A)
23746	Shell Chemical Company (1976) ?Dissipation of Bladex^(R)I Herbicide and Atrazine in Soil and Soil Characteristics : TIR-24-136-74. (Unpublished study including TIR-24-623-76, received Oct 19, 1977 under

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- 25059 Stauffer Chemical Company (1975) Dissipation of Bladex[®] Herbicide and Sutan in Soil following Application of Bladex, Sutan, or a Tank Mix of Bladex and Sutan: TIR-24-123-74. (Unpublished study including FSDS No. A-10063, received Sep 24, 1975 under 476-2000; submitted by Stauffer Chemical Co., Richmond, Calif.; CDL:195013-A)
- 26261 Shell Chemical Company (1970?) Dissipation of Residues in Soil: Rate of Dissipation. (Unpublished study received Jul 1, 1971 under unknown admin. no.; CDL:221995-B)
- 27120 Muir, D.C.; Baker, B.E. (1976) Detection of Triazine herbicides and their degradation products in tile-drain water from fields under intensive corn (maize) production. *Journal of Agricultural and Food Chemistry* 24(1):122-125. (Also in unpublished submission received Jul 19, 1978 under 201-403; submitted by Shell Chemical Co., Washington, D.C.; CDL:234475-Q)
- 40669 Sirons, G.J.; Frank, R.; Sawyer, T. (1973) Residues of Atrazine, Cyanazine, and their phytotoxic metabolites in a clay loam soil. *Journal of Agricultural and Food Chemistry* 21(6):1016-1019. (Incomplete; also~In~unpublished submission received Jul 19, 1978 under 201-403; submitted by Shell Chemical Co., Washington, D.C.; CDL:234476-J)
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- 52159 Shell Chemical Company (1976) ?Herbicide Dissipation in Soil|: TIR- 24-136-74. (Unpublished study including TIR-24-623-76, received Jul 19, 1978 under 201-403; CDL:234476-S)
- 52161 Fink, R.J. (1972) Phytotoxicity of herbicide residues in soils. *Agronomy Journal* 64(?/Nov-Dec):804-805. (Also~In~unpublished submission received Jul 19, 1978 under 201-403; submitted by Shell Chemical Co., Washington, D.C.; CDL:234476-AP)
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164-2 Aquatic field dissipation

MRID	Citation Reference
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165-1 Confined rotational crop

MRID	Citation Reference
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171-5 Reduction of residues

MRID	Citation Reference
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22799	Shell Chemical Company (1975) Determination of Bladex^(R)I Herbi- cide Stability in Corn and Oats following storage at -20^oIC for 46 Months: TIR-26-105-70. (Unpublished study received Jul 18, 1979 under 201-279; CDL:098395-Y)

171-4B Residue Analytical Methods

MRID	Citation Reference
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171-4C **Magnitude of the Residue [by commodity]**

MRID	Citation Reference
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171-4A2 Nature of the Residue in Plants

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171-4A3 Nature of the Residue in Livestock

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